

3rd International Congress on Pathogens at the Human-Animal Interface (ICOPHAI), Chiang Mai, Thailand

Purpose

Although significant improvements in environmental and medical surveillance, clinical diagnostic methods, and clinical practices have been achieved in recent years, zoonotic emerging infectious diseases (EIDs) remain a major global concern and such threats are expanding, especially in less developed regions. The Ebola epidemic in West Africa is a stark reminder of the role animal reservoirs play in public health and reinforces the urgent need for operationalizing One Health approach globally. The complex nature of zoonotic diseases and the limited resources in developing countries are reminders that the need for implementation of Global One Health in low-resource settings is a crucial component of global health.

Impact

WHO SHOULD ATTEND

Scientists and policy-makers committed to make a difference in global health mainly on infectious diseases at the interface of human, animal and ecosystem.

Professionals including physicians, public health experts; veterinarians, ecologists, behavioralists, basic scientists, microbiologists, pharmacologists and pharmaceutical medicine, nurses, sociologists, animal scientists, wild-life conservationists and others working in relevant field and capacity building efforts are welcome.

WHAT GEOGRAPHIC LOCATIONS ARE INCLUDED?

ICOPHAI is open to all global partners. Major emphasis is on science and policy-makers in developing regions including Asia, sub-Saharan Africa, Latin America, the dialogue between developing and developed regions is crucial.

Ohio State Colleges/Units Involved

College of Veterinary Medicine
College of Medicine
College of Public Health
College of Nursing

Community Partners Involved

The Ohio State University
University of Gondar
University of Nairobi
Universidade Federal da Paraíba
Sokoine University of Agriculture
Biosciences Eastern and Central Africa (BecA)
Chiang Mai University
Kenya Medical Research Institute
Addis Ababa University
Universidade Federal do Rio Grande do Sul
International Livestock Research Institute
Universidade Federal do Vale do São Francisco

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SESSION TOPICS

Special Session: Ebola, MERS and other emerging viral diseases of zoonotic significance

1. Operationalizing One Health and impact on development
2. Vector-borne Zoonoses, Environment and Role of Wildlife
3. Antimicrobial Resistance, alternatives and new antimicrobial agents
4. Food-borne and Water-borne Zoonoses
5. Genomics, Pathogen Detection Systems and Geographic Medicine
6. Immunology and Vaccine Development

